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Superfine Silica Sol with High Purity

Good for Microelectronics Industry

Introduction

Silica sol is a commonly used water soluble adhesive which has been used as a component in graphite emulsion in the manufacturing of color TV tubes and display monitors of computers. It can also be used for semiconductor manufacturing and as additives in a wide range of applications.

Our Technology

In this invention, the silica sol is made by hydrolysis of silicate in the presence of an organic base instead of the conventional method. It has a simple fabricated process with 100% yield. It is a low cost process with no environmental problems.

Benefits of this Technology

Our silica sol has the following properties:

- Superfine particles (<20 nm)
- Clear transparency
- High purity water solubility with out ionic impurity
- Low viscosity
- High adhesive strength
- Excellent storage stability

This Technology Is Available for Transfer

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